SUBJECT: Summary of Space Network (SN) Web Services Interface (SWSI) Release 04.1
Operational Readiness Review (ORR)

DATE: February 13, 2004

LOCATION: Goddard Space Flight Center (GSFC), Building 12, Room N112

TIME CONVENED: 1:00 p.m. EST   **TIME ADJOURNED:**   3:00 p.m. EST

I.   ATTENDANCE

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Note

Subject matter/presentation material is available on-line at the following URL:
http://swsi.gsfc.nasa.gov.

II. INTRODUCTION/BACKGROUND

Mr. Stevens welcomed all attendees to the SWSI Release 04.1 ORR, he than asked all attendees to introduce themselves. He then introduced the Board Members.

Mr. Stevens continued by giving some background information on SWSI and some key dates on support, development and releases.

Mr. Allen Levine and Mr. Greg Picard both asked if they had done regression testing. Mr. Stevens replied yes, regression testing was done and will be discussed later in the presentation.

SWSI ORR Release 03.1was declared operational on July 21, 2003. This ORR is for the final release of SWSI 04.1, this provides management for the Demand Access Services only. The first ORR provided the services for legacy services.

III. TECHNICAL OVERVIEW

Mr. Stevens discussed the SWSI Architecture, Hardware Components and Software Components. There are only two new components which are SWSI-DAS Interface (SDIF) and the Database.

IV. HARDWARE STATUS

Mr. Stevens presented the status of hardware and concluded that there are no changes to current hardware as a result of the 04.1 delivery.

The current platinum hardware maintenance plan expires on June 30, 2004. Ms. Caren Gioannini asks if the responsibility of the maintenance will fall under the NENS contract. Mr. Stevens stated that one year of services costs $18,000.00. Response time has been great at the White Sands Complex (WSC).

Mr. Picard stated that the SWSI system was down for 24 hours. Mr. Mike Miller at WSC responded that this was a network failure which was out of their control. It was an IONet Configuration problem.

Mr. Doug Spiegel asked if SWSI has a sustaining engineering plan. Yes, it will be discussed on the transition slide.

Mr. Spiegel states that from a users perspective there needs to be a clear understanding of how to trouble shoot a problem.

For any problem with SWSI all users should call White Sands Operations.

V. SOFTWARE STATUS

Mr. Stevens discussed the software patches that have been delivered since the ORR 03.1 on July 10, 2003. Formal 04.1 Acceptance Testing was completed on February 2, 2004 by the Near Earth Networks Services (NENS) System Engineering Support.

NENS will be responsible for all open bug fixes.

VI. VERIFICATION RESULTS

Mr. Don Small presented the Verification Results which talked of the acceptance testing, the number of test procedures, and the six bug reports that were documented during the acceptance testing.

VII. PERFORMANCE VERIFICATION MATRIX STATUS

Mr. Earl Bartlett discussed the summary of the Performance Verification Matrix (PVM). Three types of requirements are identified in the PVM; general requirements, NCCDS requirements and DAS requirements. There were a total of 191 SWSI SRD requirements tracked and only 26 DAS requirements applied to this ORR. All 26 requirements were verified.

VIII. SECURITY STATUS

Mr. Bartlett presented the Security Status. The latest Rules of Behavior for SWSI customers is posted on the SWSI website.

Ms. Gioannini asked if there was any update to the security plan with this release. Mr. Stevens stated that the update in June of 2003 covered all the issues for this release.

IX. OPERATIONAL PROCEDURES

Mr. Steve Sypher presented the Operation Procedures used at WSC, procedures to be utilized by operations personnel and Client Software User's Guide and Server Operator's Guide.

X. TRAINING STATUS

Mr. Sypher presented the status on training. There is a training class available through the Certification and Training Group (CCTG) at Goddard on the Operations overview.

XI. CUSTOMER STATUS

Mr. Eddie Brown presented the customer status. There are eleven missions currently configured for operations, three are not operational and one is backup operations only.

There are nine missions currently configured for interface testing.

Ms. Gioannini asked if all customers will be affected by this new release. Mr. Stevens answered yes all customers will be affected and they have a transition plan in place.

With a success of this ORR the transition would begin on Tuesday, February 17, 2004 with completion on Friday, February 27, 2004.

All customers will have time during the transition phase to do regression testing.

XII. DOCUMENTATION STATUS

The SWSI supporting documentation is available online at http://swsi.gsfc.nasa.gov.

Mr. Brown added there are two documents pending final CCB approval which will take place on March 4, 2004.

XIII. TRANSITION

Mr. Stevens discussed that the transition will consist of new release delivery. Mr. Don Small is the lead on the transition team.

Sustaining Engineering will fall under the NENS contract. All bugzilla bugs will be incorporated into CDS which will now be used as the discrepancy management system.

Ms. Gioannini is submitting a RFA that the delivery release and its transition into operations needs to be thoroughly coordinated with the SN and Customer community.

XIV. RECOMMENDATION

Mr. Stevens recommends that SWSI product transition into SN operations.

XV. SUMMARY

RFAs are due by 11am EST., February 17, 2004.

Review board assessment:
Ms. Gioannini – No go, uncomfortable (will assume that Mr. Stevens will keep everything in place until plan is delivered). Submitting RFA as a condition for acceptance.
Mr. Traversy – Okay. Would like a copy of Maintenance Agreement to be given to Mr. Barry Lusby.
Mr. Spiegel - Agrees with Caren, wants more information on Releases will submit RFA.
Mr. Rubin – Agrees with other members.
Mr. Levine – All RFAs must be responded to and closed in order to sign off on ORR.

XVI. RFAs ISSUED

Four RFAs have been submitted and are posted on website for your review.